



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

PRODUCERS WELCOME RAIN AND IMPROVED SOIL MOISTURE SUPPLIES

Minnesota's small grain harvest is nearly complete as the spring wheat crop reached 97 percent harvested during the past week, according to USDA, NASS, Minnesota Field Office. Precipitation received across the state was generally welcomed by farmers and increased topsoil moisture supplies. The majority of the soybean crop reached the yellowing stage of development while some of the earliest planted corn was mature. Crop progress of both corn and soybeans, however, remained behind last year and average.

The average temperature for the week was 56.6°, 3.0° below normal. Statewide topsoil moisture supplies as of Friday, September 12th were 9 percent very short, 30 short, 55 adequate, and 6 surplus. Statewide, on average, there were 5.4 days suitable for fieldwork during the week.

As of Sunday, September 14th, 97 percent of corn had reached the dough stage compared to 100 percent last year and 97 percent average. Eighty-one percent of corn was in the dent stage compared to 99 percent last year and 87 percent average. Corn was 6 percent mature, compared to 61 percent last year, and 31 percent average. Soybeans were 70 percent turning yellow compared to 94 percent last year and 83 percent average. Eighteen percent of soybeans were dropping leaves compared to 71 percent last year and 49 percent average.

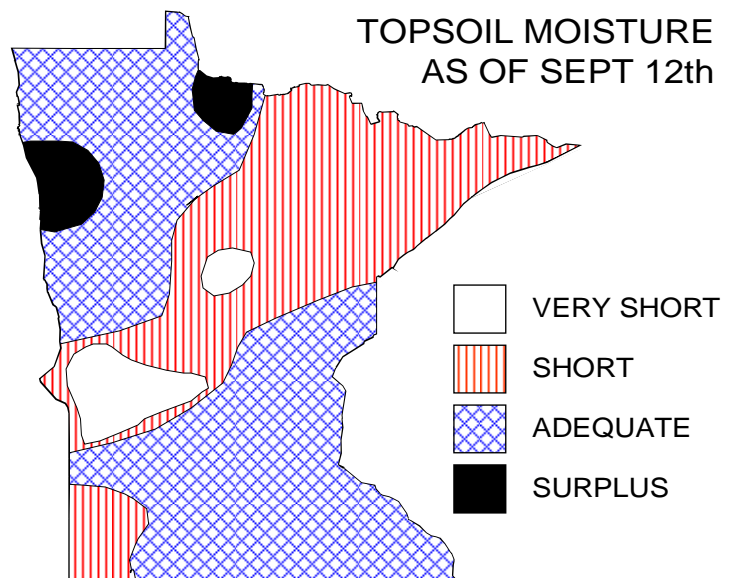
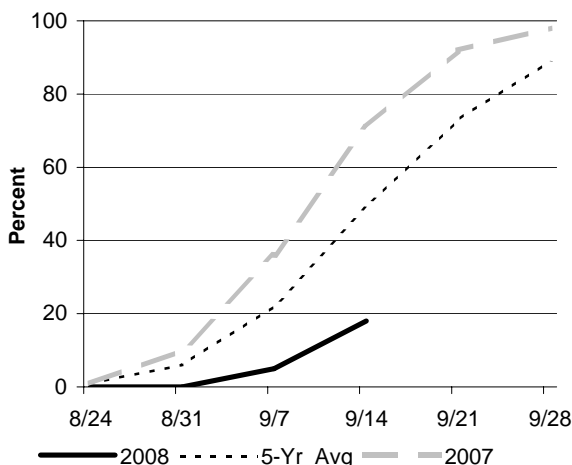
As of Friday, September 12th, 62 percent of corn and 65 percent of soybeans were rated in good or excellent condition. Sixty-five percent of dry beans, 77 percent of sunflowers and sugarbeets, and 31 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 5.4				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	9	30	55	6

Crop Progress as of September 14, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dough	97	94	100	97
	Dent	81	61	99	87
	Mature	6	2	61	31
Corn Silage	Harvested	35	17	77	56
Soybeans	Turning Yellow	70	41	94	83
	Dropping Leaves	18	5	71	49
Spring Wheat	Harvested	97	87	100	91
Sugarbeets	Harvested	3	0	7	5
Potatoes	Harvested	36	30	46	45
Sweet Corn	Harvested	78	69	90	83
Canola	Harvested	60	53	97	89
Dry Beans	Harvested	37	16	36	30

Crop Condition as of September 12, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	5	9	24	52	10
Soybeans	3	7	25	49	16
Potatoes	0	1	9	50	40
Sugarbeets	1	1	21	46	31
Dry Beans	2	4	29	49	16
Sunflowers	0	2	21	55	22
Pasture	12	24	33	29	2

SOYBEANS DROPPING LEAVES
AUGUST 24 - SEPTEMBER 28



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING September 14, 2008:
Temperatures averaged from 3.9 degrees below normal in the Southwest District to 2.0 degrees below normal in the Northwest District. Extremes: 31 degrees in Hibbing, Hinckley; 82 degrees in Winnebago. Precipitation averaged from 0.40 inch below normal in the Southeast District to 1.05 inches above normal in the North Central District. Greatest weekly total was 3.05 inches recorded in Hinckley.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 9/8/2008 through 9/14/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Moorhead	74	39	57.1	-2.6	1.70	1.19	2.70	7.11	1991	-122
Warroad	73	36	54.8	-1.0	1.49	.85	1.46	3.13	1590	-178
Grand Rapids	75	36	53.7	-2.7	.82	.09	-1.07	-.95	1751	-14
<u>NC DIST 2</u>										
Intl. Falls	70	33	51.1	-3.7	2.29	1.55	.93	2.65	1432	-219
Itasca	73	34	52.4	-2.5	2.23	1.52	.88	2.65	1621	-40
Duluth	70	38	53.7	-2.5	1.25	.22	-.09	1.33	1503	-61
<u>NE DIST 3</u>										
Grand Marais	62	42	53.0	-3.6	.75	-.06	.15	5.71	1099	-122
Hibbing	73	31	50.0	-5.1	.77	.01	-1.23	-1.55	1464	-146
Alexandria	71	41	55.7	-3.8	1.31	.65	-.67	-1.42	1952	-74
<u>WC DIST 4</u>										
Browns Valley	73	36	55.8	-5.7	1.20	.76	.80	3.55	2056	-180
Canby	77	42	60.0	-3.2	.30	-.27	-1.82	-2.29	2234	-115
Fergus Falls	73	40	57.4	-2.2	1.32	.80	.24	.71	1954	-100
Montevideo	74	37	58.6	-3.2	1.58	1.04	-.04	-2.39	2099	-132
Morris	73	34	56.5	-4.2	1.43	.93	-.32	-1.96	1979	-188
Becker	73	38	57.7	-1.8	1.34	.56	1.72	-.25	2120	74
<u>CENT DIST 5</u>										
Collegeville	73	42	58.8	-3.7	1.29	.52	-.56	.93	2172	-96
Hutchinson	79	40	59.1	-2.7	.79	.21	1.56	-.86	2158	-86
Olivia	78	38	56.4	-4.3	1.30	.63	1.55	.98	2024	-160
St. Cloud	70	34	55.7	-3.3	2.30	1.58	.65	.69	1996	1
Staples	71	33	53.8	-3.7	1.27	.66	-.53	-1.98	1735	-72
Willmar	74	39	57.4	-3.7	1.02	.34	.13	-3.23	2118	-65
Aitkin	68	40	53.8	-2.9	1.10	.40	-1.47	-2.21	1768	58
<u>EC DIST 6</u>										
Forest Lake	76	42	59.6	-1.2	.82	.01	-1.77	-1.73	2110	-25
Hinckley	71	31	52.8	-4.2	3.05	2.26	3.02	5.46m	1559m	-235m
MSP Airport	78	45	61.0	-1.6	.96	.30	.11	-4.46	2418	85
St. Paul - UofM	77	43	61.3	-2.5	.91	.13	-1.11	-6.40	2358	-38
<u>SW DIST 7</u>										
Lamberton	78	39	58.6	-3.2	.83	.20	-.97	-2.78	2194	-78
Pipestone	72	38	56.2	-4.8	.62	-.04	-1.50	-1.05	2017	-174
Redwood Falls	81	38	59.3	-4.0	.74	.13	.42	-1.54	2220	-183
Worthington	73	41	57.7	-3.0	.22	-.41	-1.37	1.04	2149	13
<u>SC DIST 8</u>										
Faribault	79	39	59.0	-2.4	.47	-.32	-1.86	-1.83	2135	-42
Mankato	78	38	59.4	-2.6	.26	-.50	-2.03	-4.68	2150	-117
Waseca	81	35	59.0	-2.9	.65	-.13	-2.12	-1.66	2119	-93
Winnebago	82	39	60.2	-2.7	.41	-.23	-1.88	-3.34	2274	-16
<u>SE DIST 9</u>										
Preston	77	35	60.2	-.9	.41	-.48	-2.30	5.73	2101	5
Red Wing	75	41	59.5	-2.7	.60	-.26	-1.27	-2.19	2186	-68
Rochester	79	40	59.3	-1.3	.37	-.40	-1.75	-.52	2143	78
Rosemount	78	41	59.2	-2.2	.80	-.07	-1.21	-3.61	2123	-29
Winona	77	44	58.6	-4.0	.39	-.47	-1.98	2.34	2102	-187

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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